

23 -24 June, Naples

Spice Meeting – Source Kinematics

Working group Participants:

Jean-Pierre Vilotte (IPGP), Aldo Zollo (UNINA), Sara Di Carli (ENS), Caroline Holden (ENS), Gaetano Festa (IPGP), Antonio Emolo (UNINA), Marco Stupazzini (LMU), Lisbeth Engell-Sorensen (UNIBERGEN), Maria Lancieri (UNINA), Frantisek Gallovic (CHARLES), Jan Burjanek (CHARLES), Vincenzo Convertito (UNINA)

Meeting Program:

Thursday 23, Morning

10,00	Aldo Zollo : Earthquake and source kinematics
10,30	Caroline Holden : Neighborhood inversion
10,50	Gaetano Festa : Isochrone back projection

11,10 Coffee Break

11,40	Antonio Emolo : Non linear inversion of high frequency seismograms
12,00	Frantisek Gallovic : Strong ground motion modeling by hybrid approach
12,20	Maria Lancieri : Near-source ground motion from simple kinematic models

12,50 Lunch

Thursday 23, Afternoon & Friday 24, Morning

Discussion around the problematics of the source kinematics and future work of the group (convergence with the dynamic group) .

A benchmark test to compare methods and infer on the resolution :

The geometry of the rupture (which are the constraints ?)

The synthetic dataset

The slip/rise time/ rupture velocity model

The validation of the test

The final product (a paper?)

Conclusions and good visit of Naples